

Kiriakos Vlahos

CURRICULUM VITAE

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NAME Kiriakos Vlahos
BORN 07 February 1962
CURRENT ADDRESS Piniou 12
11855, Athens
e-mail: kvlahos@alba.edu.gr

EDUCATION

1985 - 1990 Ph.D. London Business School (1991).
1980 - 1985 Diploma Ing. in Industrial Engineering.
National Technical University of Athens (1985).

WORK EXPERIENCE

Nov 05 - Adjunct Associate Professor of Decision Science
Athens Laboratory of Business Administration (ALBA)
Nov 05 – Nov 15 Member of the Board of the Regulatory Authority of Energy (RAE)
Sep 03 - 05 Associate Professor of Decision Science
Athens Laboratory of Business Administration (ALBA)
Apr 01 - Feb 03 Executive Director – Energy Trading division
Goldman Sachs
Apr 91 – Mar 01 Assistant Professor of Decision Science
London Business School
Apr 91 - Visiting Professor
Copenhagen Business School, Athens University of Economics
and Business, China-Europe International Business School,
Reykjavik University, European School of Management and
Technology.
Feb 90 - Mar 91 Senior Consultant. Caminus Energy
Working in the areas of electricity privatisation, energy and
environmental policy.
Dec 86 - Feb 90 Research Officer in Decision Sciences.
London Business School.
Mar 83 - Sep 85 Research Assistant. Energy Policy Unit of the
National Technical University of Athens.
Nov 84 - Feb 85 Public Power Corporation of Greece, Planning Department.

Aug - Sep 83 University of Wroclaw, Poland. Institute of Management.
IAESTE exchange program.

Jul - Aug 82 Canon Inc. Japan. IAESTE exchange program.

RESEARCH

Apr 91 - Active research areas include:

- Analysis and modelling of competitive electricity and telecommunications markets.
- Development of flexible, object-oriented business modelling frameworks which allow the integration of “hard” and “soft” OR approaches.
- Development of scenarios for the infocom industries using innovative modelling approaches
- Investigation of the implications of the Information Society for management education.

Oct 85 - Feb 90 Doctoral Programme. London Business School.
Ph.D. thesis on electricity capacity planning using mathematical decomposition. Developed and evaluated mathematical and computer models for investment appraisal in the electricity supply industry.

Mar 83 - Sep 85 National Technical University of Athens.

- Investigation of the long-term needs for electric power and evaluation of different supply policies.
- Evaluation of the prospects of importing natural gas from the Soviet Union using the European energy model EFOM.

RESEARCH COLLABORATIONS AND FUNDING

- Funding from BT (1995-1999) and Ericsson (1999-2001)
- EU funding (ESPRIT 1995-1996, 1997-1998).
- Ph.D. research scholarships from the Economic and Social Research Council (1993 and 1995)
- Research collaboration with Southern Electric (1989-1994) and National Power (1992-1997)
- Funding from the Science and Engineering Research Council (1986-1989)
- Research funding from the Greek Public Electricity Corporation and the Public Petroleum Corporation (1983-

1985)

TEACHING

Sep 01 -	ALBA Developed and taught a number of courses including: <ul style="list-style-type: none">• MSc in Finance core course “Financial Modelling”• MBA core course “Business Modelling”• MBA core course “Quantitative Skills for Managers”• MBA elective course “Project Risk Management”
Autumn 2015	European School of Management and Technology <ul style="list-style-type: none">• Statistics
Mar 91 -	London Business School <ul style="list-style-type: none">• Developed and taught the MBA Elective “Computer-Based Financial Modelling”.• Developed and taught the MBA core course “Decision and Risk Analysis” to full-time and executive MBAs. This course is one of the most popular and highly rated MBA core courses.• Developed a new elective on “Practical Risk Management”.• Co-ordinated and co-taught the MBA Elective “Art and Science of the Long View”.• Developed and taught the MBA pre-programme course “Business Statistics” to full-time and executive MBAs.• Developed and taught a course on “Quantitative Skills for Managers” to the IEMP executive program.• Designed and coordinated a PhD course with the title “Research Seminars in Decision Sciences”.• Organised and co-taught an Executive course on “Modelling and Managing Competitive Electricity Markets”.
Autumn 2000, 2001	Copenhagen Business School <ul style="list-style-type: none">• e-Decisions
September 99, May 2000	Athens University of Economics and Business <ul style="list-style-type: none">• Practical Risk Management
May-June 95	China-Europe International Business School <ul style="list-style-type: none">• Business Statistics
Feb, Sep 93	The Athens Laboratory of Business Administration <ul style="list-style-type: none">• Quantitative Methods for Managers
June 88, Dec 89	Imperial College

Sept 90, Sept 91

Invited Speaker at the Short Courses on Management, Planning and Economics of Electrical Power Systems.

MATERIALS DEVELOPMENT

- The Electricity Markets Microworld. A simulation supported case study on the electricity industry. (available at www.lbs.ac.uk/faculty/kvlahos/projects/emm)
- A large number of short case studies that are used in computer-based workshops.
- Designed Web sites for the courses “Business Modelling”, “Decision and Risk Analysis”, “Computer Based Financial Modelling” and “The Art & Science of the Long View”. These Web sites serve as materials repositories, where the students can get weekly preparation notes, assignments, software and datafiles.

ACADEMIC VISIBILITY

- 1990-... Referee for Energy Policy, Energy Economics, International Transactions in Operational Research, Energy The International Journal, Management Science, the Journal of the Operational Research Society, the European Journal of Operational Research, and System Dynamics Review.
- 1996 Co-organiser of a conference on “Lifelong Learning for the Information Society”, sponsored by the European Commission in Genoa, Italy.
- 1995 Co-organiser of the LBS/IFORS international symposium on Energy Models for Policy and Planning.
- 1994-... Appointed evaluator of energy related research projects by the Greek Department of Industry and Energy.

FELLOWSHIPS AND AWARDS

- Recipient of the Goodeve Medal of the Operational Research Society for the best paper published in the Journal of the Operational Research Society in 1993. (with Derek Bunn and Eric Larsen).
- Vellios - Varonos fellowship. (1981 - 1985).
- Scholarship of the State Fellowships Foundation of Greece (1980, 1984).

MEDIA

Research work reported in the FT the Guardian and the Greek press. A talk on “World Trends in Electricity Generation”, delivered in Shanghai, was covered by the Chinese TV and press.

OFFICIAL

2012-	Member of Climate Strategies
2004-	Member of the ALBA Faculty Strategy Committee
2004-	Member of the ALBA Faculty Evaluation Committee.
1996-1999	Member of the LBS MBA Programme Admissions Committee.
1993-1997	Member of the LBS Doctoral Programme Committee
1986-1989	Member of the LBS Information Systems Committee

CONFERENCE PRESENTATIONS

August 2003	14th ITS European Regional Conference, Helsinki
November 2000	INFORMS meeting, San Antonio
November 98	Fifth Aristotle International Conference, Thessaloniki.
October 98	INFORMS Meeting, Seattle.
June 98	European Conference on Information Systems, Aix-en-Provence.
May 97	INFORMS Spring Meeting, San Diego.
August 96	First EULAFER Meeting, Rio de Janeiro.
July 95	LBS/IFORS Symposium - Energy Models for Policy and Planning
June 95	TIMS XXXIII International, Singapore .
July 94	EURO XIII/OR 36 Glasgow.
Nov 93	TIMS/ORSA Phoenix Arizona.
July 93	IFORS 93 Lisbon
Nov 92	TIMS/ORSA San Francisco.
April 92	TIMS/ORSA Orlando.
July 91	EURO XI Conference Aachen.
July 89	TIMS XXIX Conference, Osaka.
July 88	EURO IX/TIMS XXVIII Conference, Paris.

CONSULTING

Consulting projects include:

2000	Advisor to the Greek Minister of Development on Energy Issues.
1999	“Spectrum pricing” (National Telecommunications and Post Commission – Greece)
1997	“Risk analysis for pharmaceutical products” (FDM Pharma)
1995	“Restructuring the Greek Public Power Corporation” (PPC)

1994	“Advice on the restructuring of the Californian electricity industry” (McKinsey&Co)
1994	“Analysis of proposals to reform the pool” (UK electricity distribution companies)
1993	“Study of the impact of environmental constraints on the operational planning of power systems”, (UK electricity generator).
1992	“Strategic modelling of the privatised UK electricity market”, (UK electricity distribution company)

MEMBERSHIPS OF PROFESSIONAL BODIES

- The Operational Research Society (ORS)-UK.
- The Institute of Management Science (TIMS)-USA.
- The Operations Research Society of America (ORSA).
- Technical Chamber of Greece (TEE).

OTHER INTERESTS

Chess - Now a source of occasional entertainment.
National Master (Greece). Participated twice in the men's finals and many national and international competitions.

PUBLICATIONS

PUBLICATIONS IN REFEREED JOURNALS

- 1) K Christodoulou and K.Vlahos. "Implications of Regulation for Entry and Investment in the Local Loop" Telecommunications Policy, 2001.
- 2) K Christodoulou and K.Vlahos. "Variable Structure Modelling in Strategic Business Simulation". *Journal of the Operational Research Society*, 51(9), 1029-1040, 2000.
- 3) K Christodoulou K. Jensen and K.Vlahos. "Using object oriented simulation to explore substitution between technologies: An application to the UK Mobile Telecommunications Industry". *Technological Forecasting and Social Change* 62(3) pp. 203-217, 1999.
- 4) K.Vlahos, P. Ninios and D. W. Bunn. "An Integrative Approach for Understanding Competitive Electricity Markets". *Journal of the Operational Research Society* 49(3), pp. 187-199, 1998.
- 5) P. Ninios, K. Vlahos and D.W. Bunn. "OO/DEVS: A Platform for Industry Simulation and Strategic Modelling". *Decision Support Systems* 15, pp. 229-245, 1995.
- 6) P. Ninios, K. Vlahos and D.W. Bunn "Industry Simulation: Systems Thinking with an Object Oriented/DEVS Technology". *European Journal of Operational Research* 81, pp. 521-534, 1995.
- 7) D.W. Bunn, E. Larsen and K. Vlahos. "Complementary Modelling Approaches for Analysing Several Effects of Privatisation on Electricity Investment". *Journal of the Operational Research Society* 44(10), pp. 957-971, 1993. Reprinted in *Energetica* 1994 Vol 10 pp 41-68. Also in *Systems Modelling for Energy Policy* D.Bunn and E. Larsen (eds) Wiley Press 1997.
- 8) D.W. Bunn and K. Vlahos. "A Model-Referenced Procedure to Support Adversarial Decision Process: Application to Electricity Planning". *Energy Economics*, 14(4), pp. 242-247, 1992.
- 9) D.W. Bunn and K. Vlahos. "Evaluation of the Long-term Effects on UK Electricity Prices following Privatisation". *Journal of Fiscal Studies* 10(3), pp. 41-52, 1989.
- 10) D.W. Bunn and K. Vlahos. "Evaluation of the Nuclear Constraint in a Privatised Electricity Supply Industry". *Journal of Fiscal Studies* 10(1), pp. 104-116, 1989.

PAPERS IN REFEREED PROCEEDINGS

- 1) R. Curry and K Vlahos “HPDS, An XML/XSLT Based Hierarchical Modelling System”. In the Proceedings of the 2004 Winter Simulation Conference, R. G. Ingalls, M. D. Rossetti, J. S. Smith, and B. A. Peters (eds).
- 2) R. Curry and K Vlahos “Modeling Regulatory Regimes for Last-Mile Broadband Connections in a Single-Provider Market: A Multi-Model Approach”. Proceedings of the 14th European Regional Conference, August 23-24, 2003, Helsinki.
- 3) K. Christodoulou and K. Vlahos. “A Model-based Comparison of Infrastructure vs. Service Competition at the Local Loop”. Proceedings of the ITS 2000 conference.
- 4) D. W. Bunn, C. Day and K. Vlahos. “Analysis of Latent Market Power in the Electricity Pool of England and Wales”. Proceedings of the 1998 EPRI conference on “Pricing in Competitive Electricity Markets” (A. Faruqui and K. Eakin eds.), Kluwer, 2000.
- 5) K.Vlahos, P. Ninios and D. W. Bunn. “Modelling the UK Electricity Contract Market Under the Object Oriented/DEVS Framework”. Proceedings of the 1992 conference on *Applied Stochastic Models and Data Analysis*, Jansen J and Skiades C H (eds.) World Scientific Publishing, 1993.
- 6) P. Ninios, A. Adamson, K. Vlahos and D.W. Bunn. “Graphical Model Specification within the OO/DEVS Framework”. Proceedings of the 1993 European Simulation Symposium, Delft.
- 7) P. Ninios, K. Vlahos and D.W. Bunn. “OO/DEVS: A Smalltalk Implementation of the DEVS Formalism”. Proceedings of the 1993 European Simulation Multiconference, Lyon.
- 8) D. Farmer, M. Grubb and K. Vlahos. “Probabilistic Production Costing of Transmission-constrained Power Systems”. Proceedings of the 10th Power System Computations Conference, Graz, Austria, 1990.

EDITED BOOK

A. van Ackere and K.Vlahos (eds.) “*Decision Science*”, Dartmouth Publishing Company 2000.

BOOK CHAPTERS

- 1) K. Vlahos. “Tooling-up for Risk Decisions” Published in *Mastering Risk - volume I*, Pitman, London 2000.
- 2) D. W. Bunn, C. Day and K. Vlahos. “The Persistence of Market Power” Derek Bunn (ed.) *Strategic Price Risk in Wholesale Power Markets*, RISK Publications, 1999.
- 3) A. van Ackere and K.Vlahos “*Decision Science*”. International Library of Management

Thought, Dartmouth Publishing Company 2000 (forthcoming, A. van Ackere and K.Vlahos eds.).

- 4) K. Vlahos. "Taking the Risk out of Uncertainty" Published in *Mastering Management*, Pitman, London 1997. Reprinted in "*Quantitative Methods for Decision Makers*" by M. Wisniewski, Pitman, London 1997.
- 5) K. Vlahos. "Getting the Combination Right". Published in "*Mastering Management*", Pitman, London 1997. Reprinted in "*Quantitative Methods for Decision Makers*" by M. Wisniewski, Pitman, London 1997.

EDITED SPECIAL ISSUES

- 1) D.W. Bunn, E. Larsen and K. Vlahos (eds.). "Special Issue on Energy Modelling". *International Transactions in Operational Research*, 3(3/4), 1996 (edited with).
- 2) D.W. Bunn, E. Larsen and K. Vlahos (eds.) "Special Issue on Energy Forecasting". *Journal of Forecasting*, 15(6), 1996. (edited with D.W. Bunn and E. Larsen).
- 3) D.W. Bunn, E. Larsen and K. Vlahos (eds.) "Special Issue on Energy-Environmental Modelling". *Energy Economics* 19(1), 1997.
- 4) D.W. Bunn, E. Larsen and K. Vlahos (eds.) "Special Issue on Model-Based Policy Analysis". *Energy Policy*, 25(3), 1997.

PH.D. THESIS

K. Vlahos. "Capacity Planning in the Electricity Supply Industry". Ph.D. Thesis, University of London, 1991.

OTHER PUBLICATIONS

- 1) Κυριάκος Βλάχος, "Οι προοπτικές της Απελευθερωμένης Αγοράς Ηλεκτρικής Ενέργειας", Επιλογή, 2004.
- 2) Κυριάκος Βλάχος, "Η Ανάλυση του Επιχειρηματικού Ρίσκου", Οικονομικός Ταχυδρόμος, 5 Φεβρουαρίου 2004.
1. K. Vlahos. "The Electricity Markets Microworld" Educational document ED-0008A, Systems Dynamics Group, Decision Technology Centre, London Business School 1998.
2. K. Vlahos and S. Gary. "Implications of the Information Society on Organisations and Management". Proceedings of the 5th Aristotle International Management Conference 1998.
- 3) K.Vlahos, I. Russell and H. Porter. "Using Mathematical Decomposition as a Bridge between Models". Working paper. London Business School, 1997.

- 4) K. Vlahos, D. W. Bunn and P. Bolland. "Integrating an Environmental Compliance Optimisation Model with Decision Analysis". Working paper. London Business School, 1997.
- 5) K. Vlahos. Book Review of "World Energy Outlook" by the International Energy Agency. *Middle East Business Review* Vol 2(2), 1997.
- 6) K. Vlahos. "The Impact of Information Technology on Management Education". MACIS project report. (Management Curriculum on and for the Information Society - *Esprit* - No 22560) 1997.
- 7) K. Vlahos. "The Impact of IT on the Teaching of Decision Making in Business Schools". (Management Curriculum on and for the Information Society - *Esprit* - No 22560) 1997.
- 8) K. Vlahos and S. Gary. "The Impact of the Information Society on Organisations and Implications for Teaching Decision Making in Business Schools - Results of the Interview Process". (Management Curriculum on and for the Information Society - *Esprit* - No 22560) 1997.
- 9) K. Vlahos. Book Review of "Stochastic Programming" by P.Call and S. W. Wallace. *Journal of the Operational Research Society* Vol 46(9), 1995.
3. K. Vlahos. "Lessons from the UK Electricity Privatisation". Bulletin of Strategic and International Analyses (in Greek), Vol 15(1). 1994. Reprinted in *Market*, February 1994.
- 10) D. W. Bunn and K. Vlahos. "Observations on Pool Reform: Pay-Bid". Working Paper, London Business School, 1994.
- 11) K. Vlahos. "An Object-Oriented Mathematical Programming Framework". Working Paper, London Business School. Presented at the TIMS/ORSA meeting at Phoenix Arizona, 1993
- 12) K. Vlahos. "Mean Value Cross Decomposition for Non-Linear Convex Problems - Application to the Stochastic Power Plant Emissions Problem". Working Paper, London Business School, 1993.
- 13) K. Vlahos. "Generalised Cross Decomposition". Application to Electricity Capacity Planning". Working Paper, London Business School, 1991. Presented at the TIMS XXIX conference at Osaka 1989.
- 14) D.W. Bunn and K. Vlahos. "Uncertainty in Relative Cost Investigation". *Modern Power Systems* 9(6), UK Supplement, 1989.
- 15) K. Vlahos and D. W. Bunn. "Benders' Decomposition for Mixed-Integer Programming - Application to Generation Capacity Planning". Working Paper GS-29-88, London Business School, 1988.

- 16) K. Vlahos and D. W. Bunn. "Large Scale Evaluation of Benders' Decomposition for Capacity Expansion Planning in the Electricity Supply Industry". Working paper GS-27-88, London Business School, 1988.
- 17) K. Vlahos and D. W. Bunn. "Electricity Capacity Planning Using Mathematical Decomposition". Working Paper GS-25-88, London Business School, 1988.
- 18) M. Grubb, K. Vlahos, D. Farmer and D. W. Bunn. "Issues in Power System Planning". Energy and Power System Report No 115, Imperial College, 1987.